

PERSONAL INFORMATION

ADRIANA ANAMARIA DAVIDESCU



📍 24-28, Elena Caragiani Street, 014124 Bucuresti , Romania

☎ +40723374735

✉ adrianaalexandru@yahoo.com

Sex Female | Date of birth 30/08/1983 | Nationality Romanian

JOB APPLIED FOR POSITION

CNSPIS MEMBER

WORK EXPERIENCE  
September 2016-present

Senior researcher(expert level II), Department of Labour Market Policies

National Scientific Research Institute for Labour and Social Protection, 6-8, Povernei Street, 010643, Bucharest, Romania, [www.incsmps.ro](http://www.incsmps.ro)

- Expertise as labour market specialist, conducting quantitative and analytical research on labour market analysis
- Conducting individual or collaborative research projects, including the development of personal/group objectives.
- utilisation of advanced tools in multidimensional analysis data using short and medium term anticipation of labour market aggregates through econometric modelling.
- Elaboration of macroeconomics models using advanced econometric methods for forecasting.
- Very good expertise on labour market institutions, estimation of informal economy, analysis and evaluation of public policies etc.
- evaluation of projects and public programs as an expert in quantitative analysis and application of statistical and econometric methods in the process assessment.

October 2015-present

Associate Professor, Department of Statistics and Econometrics, Faculty of Cybernetics, Statistics and Economic Informatics

Bucharest University of Economic Studies, Bucharest, 6, Romana Square, 010374, Bucharest, Romania, [www.ase.ro](http://www.ase.ro)

- Teaching activity ( courses / seminars of Econometrics , Statistics and Time Series) for bachelor and masters students; coordinating master / bachelor theses
- Research activity

Education / Research

November 2014-present

Senior researcher, Department of Labour Market Policies

National Scientific Research Institute for Labour and Social Protection, 6-8, Povernei Street, 010643, Bucharest, Romania, [www.incsmps.ro](http://www.incsmps.ro)

- Expertise as labour market specialist, conducting quantitative and analytical research on labour market institutions (formalization of the informal economy).
- Conducting individual or collaborative research projects, including the development of personal/group objectives.
- Preparing reports and present information to research groups.
- Elaborating articles with a view to publication
- Ability to apply predictive statistical models;
- Using statistical and econometric techniques to identify causal impacts on revenue, examine patterns, model and predict the performance of the main economic aggregates.

- ability to apply advanced statistical methodologies such as mixed model (random and fixed effects), simultaneous equations models, panel data analysis, structural equation models, item response theory, cross-sectional analysis, multinomial discrete choice models, time-series analysis (ARIMA models, VAR/VECM models, ARDL models, causality analysis, SVAR analysis, IRF analysis) multivariate analysis (discriminant analysis, cluster analytics, principal component analysis) sampling theory and design of experiments, analysis of variance.
- utilisation of advanced tools in multidimensional analysis data using short and medium term anticipation of labour market aggregates through econometric modelling
- Elaboration of macroeconomics models using advanced econometric methods for forecasting.
- Very good expertise on labour market analysis and informal economy
- Undertake quantitative and analytical research on the phenomenon of informality

Research

October 2012-October 2015

**Lecturer, Department of Statistics and Econometrics, Faculty of Cybernetics, Statistics and Economic Informatics**

Bucharest University of Economic Studies, Bucharest, 6, Romana Square, 010374, Bucharest, Romania, [www.ase.ro](http://www.ase.ro)

- Teaching activity (courses / seminars of Econometrics, Statistics and Time Series) for bachelor students; coordinating bachelor theses
- Research activity

Education / Research

December 2009-october 2014

**Researcher, Department of Labour Market Policies**

National Scientific Research Institute for Labour and Social Protection, 6-8, Povernei Street, 010643, Bucharest, Romania, [www.incsmps.ro](http://www.incsmps.ro)

- Using statistical and econometric techniques to identify causal impacts on revenue, examine patterns, model and predict the performance of the main economic aggregates.
- ability to apply advanced statistical methodologies such as mixed model (random and fixed effects), simultaneous equations models, panel data analysis, structural equation models, item response theory, cross-sectional analysis, multinomial discrete choice models, time-series analysis (ARIMA models, VAR/VECM models, ARDL models, causality analysis, SVAR analysis, IRF analysis) multivariate analysis (discriminant analysis, cluster analytics, principal component analysis) sampling theory and design of experiments, analysis of variance.
- utilisation of advanced tools in multidimensional analysis data using short and medium term anticipation of labour market aggregates through econometric modelling
- Elaboration of macroeconomics models using advanced econometric methods for forecasting.
- Expertise in labour market analysis and informal economy
- Undertake quantitative and analytical research on labour market institutions (formalization of the informal economy)

Research

October 2009-december 2013

Expert in the project Refernet Romania

Elaboration of national VET reports, policy reports, analysis; responsible for VET-BIB database for Romania. Participation in thematic meetings of the REFERNET network.

Research

February 2007-October 2012

**Assistant Professor, Department of Statistics and Econometrics, Faculty of Cybernetics, Statistics and Economic Informatics**

Bucharest University of Economic Studies, Bucharest, 6, Romana Square, 010374, Bucharest, Romania, [www.ase.ro](http://www.ase.ro)

- Teaching activity (seminars of Econometrics and Statistics) for bachelor students; coordinating bachelor theses
- Research activity

Education / Research

September 2006-November 2009

**Research assistant, Department of Labour Market Policies**

National Scientific Research Institute for Labour and Social Protection, 6-8, Povernei Street, 010643, Bucharest, Romania, [www.incsmps.ro](http://www.incsmps.ro)

- Undertaking supervised research (including preparing, setting up, conducting and recording outcomes of projects).
- Conducting literature and database searches and carry out analyses and/or tests and/or critical evaluations using specified and agreed techniques, approaches and/or models and document findings.
- Analysing and interpreting results of the research, making use of standard research methods and techniques (nonparametric tests for hypotheses, nonparametric analysis (lowess, loess, local polynomial smoothing), multivariate tests for normality, time series analysis, linear models, etc).
- Elaborating macroeconomics models using advanced econometric methods for high level accuracy forecasting.
- Contributing to the production of research reports and publications
- Preparing and presenting papers on research progress and outcomes to beneficiaries. Research

**CURRENT POSITION AND AGE**

**BUCHAREST UNIVERSITY OF ECONOMIC STUDIES, ASSOCIATE PROFESSOR, 9.8YEARS**

**NATIONAL SCIENTIFIC RESEARCH INSTITUTE FOR LABOUR AND SOCIAL PROTECTION, SENIOR RESEARCHER, 10.4 YEARS**

**EDUCATION AND TRAINING**

18 May 2015-18 July 2015

**Visiting professor, Postdoctoral Mobility stage at the University of Salerno, Salerno, Italy**

8 EQF level

June 2014-september 2015

▪ Supervisor: Roberto Dell'Annno, PhD., Professor.  
**Postdoctoral researcher, Bucharest University of Economic Studies, Romania**

8 EQF level

Postdoctoral researcher in project number POSDRU/159/1.5/S/142115 „Performance and excellence in doctoral and postdoctoral research in Romanian economics science domain”

Title of postdoctoral research: QUANTIFYING AND ANALYSING THE INTERDEPENDENCIES BETWEEN FORMAL AND INFORMAL ECONOMIES

1st Prize for outstanding results in postdoctoral scientific research

October 2006-july 2011

**PhD Diploma in Cybernetics and Statistics, Bucharest University of Economic Studies, Romania**

8 EQF level

Title of Doctoral Thesis „Methods and Techniques for assessment of unemployment impact on informal economy in Romania “

October 2006-March 2008

**Master Diploma in Quantitative Economics, Bucharest University of Economic Studies, Romania**

7 EQF level

Title of Master Thesis "The Main Methods to Estimate the Size of the Shadow Economy”

October 2002-August 2006

**Bachelor Diploma in Economic Cybernetics, Bucharest University of Economic Studies, Romania**

6 EQF level

Title of Bachelor Thesis „ Scenarios of unemployment rate evolution during the period 2006-2009”

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Replace with name of language certificate. Enter level if known.					
French	C1	C1	B1	B1	B2
Replace with name of language certificate. Enter level if known.					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

Communication skills

- excellent presentation and communication skills gained through my experience as a academic teacher since 2007;
- Communication skills in diverse environments (university, public institutions, civil society);

Organisational / managerial skills

- Leadership (gained through participation in research projects as project manager, partner or member in the research team)
- Assistant editor of the Journal of Social and Economic Statistics <http://jses.ase.ro/index.php/editors>
- Managing Editor, Journal of Sustainable Development and Entrepreneurship, <http://www.jsde.ro/>
- Founding member of the Romanian Statisticians Club <http://dse.ase.ro/MembriCSR>
- Member in the organizing committee of the Forum of Sustainable Development and Entrepreneurship, The Bucharest University of Economic Studies, Bucharest, 2014 and 2015 editions <http://www.fsde.ro/prezentare/organizatori/>
- **Member of the network of European correspondents Eurofound, The European Foundation for the Improvement of Living and Working Conditions (Eurofound) Romania**
- Reviewer of Romanian Statistical Review
- Member of Romanian Statistical Society
- **Moderator of Power from Statistics Eurostat Round Table on Migration**, October 24, 2016, Bratislava, Slovakia.

Job-related skills

- Background in the field of macroeconomics, as well as experience in applied econometrics
- Macroeconomic analysis and forecasting
- Quantitative and Qualitative analysis
- Predictive analysis
- Expertise in employment policy, labour market analysis and informal economy
- Undertake quantitative and analytical research on formalization of the informal economy
- Develop project design, review proposals, formulate, revise and submit project proposals
- Expertise in handling statistical and econometric software (STATA, SPSS, Eviews, LISREL).

Computer skills

- good command of Microsoft Office™ tools
- Expertise in handling statistical and econometric software (STATA, SPSS, Eviews, LISREL, SAS Base, Parscale).

## Additional information

- Publications**
- 3 books as unique author
  - 4 books in collaboration
  - More than 37 articles in international journals
- Projects**
- National research and development projects: 30 (of which as director: 5)
  - International research project: 1
- Conferences**
- Participation to more than 32 national and international conferences from which 18 organized in universities in the country (Bucharest, Oradea, Iasi, Targu-Jiu, Sibiu, Timisoara, Targoviste) and 14 abroad (Thessaloniki, Milan, Kavala, Crete, London, Brussels, Gran Canaria, Corfu, Munster, Prague, Rome).
- Honours and awards**
- Excellence Diploma for debut in scientific research-Romanian Society of Statistics
  - 1st Prize for outstanding results in postdoctoral scientific research
  - **Certified adult trainer** (since 2016-adult vocational training course, Romanian National Authority for Qualifications recognized diploma);
  - **edX Verified Certificate for Macroeconomic Forecasting, <https://courses.edx.org/certificates/fe3ab8add9b4b0f8aef722d46fe1da2>**
- Summer Schools**
- Participation to 7 summer schools
  - Semi-Parametric Methods Course, Essex Summer School in Social Science Data Analysis and Collection, University of Essex, 4-8 august 2008, Colchester, U.K.
  - Discrete Models Choice, Barcelona Microeconometrics Summer School, Barcelona Graduate School of Economics, Universidad Pompeu Frava, 30 june-4 july 2008, Barcelona, Spain.
  - Medium-term forecast of skills supply in Europe: final results, Skill net Technical Workshop, Cambridge Econometrics, European Centre of the Development of Vocational Training, 11-12 December 2008, St.Catherine's College, Cambridge, U.K.
  - The Fourth International Training Workshop on Econometric Modeling and Data Analysis, Akdeniz University, Faculty of Economics and Administrative, February 08-12, 2010, Antalya, Turkey.
  - Tutorial on Latent Variable Models with Applications in Social Sciences, Department of Statistics, London School of Economics, UK, 9th December 2010.
  - Marie Curie/IAPP Summer School for Multiple Moralities and Shadow Economies in Post-socialism, Zagreb, Croatia 29 August-1 September, 2015.
  - Marie Curie IAPP Summer School for Shadow economies in Europe and beyond: Debating the causes and impacts of the informal economy, 2-4 September 2016 --- Sofia, Bulgaria.